

ABSTRACT

A method for matching a recorded image with geographic data substantially corresponding to a geographic location where the image was recorded, is disclosed. In a preferred embodiment, global positioning system data logs are time matched with other data collected, including image data, for the purpose of spatially mapping the collected data. Two important underpinnings of the present invention are that first, the real time of the data acquisition is recorded along with the data acquired; and second, that the offset time between the data logging clock and the world standard time is accurately determined. A primary advantage of the present invention is its wireless functionality; no information transmitters, receivers, special interfaces or power suppliers are required. In addition, a wide variety of off-the-shelf equipment may be used with the present invention as system components.